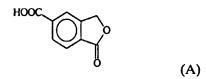
## II. Amendments to the Claims

This listing of claims shall replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

- 1-21. (Canceled)
- 22. (Currently Amended) A process for the preparation of synthesizing citalogram and its acid addition salts, comprising synthesizing 5-carboxyphthalide of formula A



which comprises by:

reacting formaldehyde 1,3,5-trioxane of formula II:



and terephthalic acid of formula I

in fuming sulfuric acid containing at least 25-30% by weight of SO<sub>3</sub>, heating the mixture at 120-<u>135</u> 145°C; and isolating the 5-carboxyphthalide thus obtained; and using the 5-carboxyphthalide thus obtained in a process to synthesize citalogram and its acid addition salts.

- 23. (Canceled)
- 24. (Canceled)

3

- 25. (Currently Amended) A process according to claim <u>22</u> <del>23</del>, in which the 1,3,5-trioxane of formula II is used in an amount corresponding to 2.5-3.2 mol of formaldehyde/mol of the starting terephthalic acid.
- 26. (Original) A process according to claim 25, in which said 1,3,5-trioxane is added at a temperature of 30-35°C.
- 27. (Canceled)
- 28. (Previously presented) A process according to claim 22, in which the fuming sulfuric acid is used in an amount of 3-6 litres/Kg of terephthalic acid.
- 29. (Original) A process according to claim 28, in which furning sulfuric acid is used in an amount of about 3 litres/Kg of terephthalic acid.
- 30. (Original) A process according to claim 22, in which 5-carboxyphthalide is isolated by neutralization of the reaction mixture with a base.
- 31. (Original) A process according to claim 22, in which 5-carboxyphthalide is isolated by diluting the reaction mixture with glacial acetic acid, then adding water and neutralizing with a base.
- 32. (Currently Amended) A process according to claim 30 or 31, in which said base is an alkaline metal base.
- 33. (Original) A process according to claim 32, in which said alkaline metal base is sodium hydroxide, carbonate or bicarbonate.
- 34. (Original) A process according to claim 22, in which, at the end of the reaction, the 5-carboxyphthalide is isolated by the formation of a solution containing a salt thereof which is neutralized with an acid.
- 35. (Original) A process according to claim 34, in which said salt is the sodium salt.
- 36. (Original) A process according to claim 34, in which the salt is formed by adding the base to a pH of about 8.
- 37. (Original) A process according to claim 34, in which said acid is hydrochloric acid.

4

- 38. (Original) A process according to claim 22, in which 5-carboxyphthalide is isolated by treatment of the reaction mixture with water.
- 39. (Original) A process according to claim 38, in which the addition of water is made at 0-5°C and resulting exothermia is controlled by keeping the temperature at about 20-25°C.
- 40. (Original) A process according to claim 22, in which the mixture is heated at 130-135°C.
- 41. (Original) A process according to claim 22, in which formaldehyde is added to fuming sulfuric acid after the addition of terephthalic acid.
- 42. (Currently amended) A process for the synthesis of synthesizing citalogram, and its acid addition salts, comprising a process for synthesis of synthesizing 5-carboxyphthalide of formula A

which comprises by:

reacting, in an open reactor, formaldehyde-1,3,5-trioxane of formula II:

and terephthalic acid of formula I

in fuming sulfuric acid containing at least 25-30% by weight of SO<sub>3</sub>;

heating the mixture at 120-145°C; and

isolating the 5-carboxyphthalide thus obtained;

and using the 5-carboxyphthalide thus obtained in a process to synthesize citalogram and its acid addition salts.

- 43. (Canceled)
- 44. (Canceled)
- 45. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 432, in which the 1,3,5-trioxane of formula II is used in an amount corresponding to 2.5-3.2 mol of formaldehyde/mol of the starting terephthalic acid.
- 46. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 45, in which said 1,3,5-trioxane is added at a temperature of 30-35°C.
- 47. (Canceled)
- 48. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 42, in which the fuming sulfuric acid is used in an amount of 3-6 litres/Kg of terephthalic acid.
- 49. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 48, in which fuming sulfuric acid is used in an amount of about 3 litres/Kg of terephthalic acid.
- 50. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5-carboxyphthalide according to claim 42, in which 5-carboxyphthalide is isolated by neutralization of the reaction mixture with a base.
- 51. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 42, in which 5-carboxyphthalide is isolated by diluting the reaction mixture with glacial acetic acid, then adding water and neutralizing with a base.
- 52. (Currently amended) A process for the synthesis of citalopram, comprising the process the synthesis of 5-carboxyphthalide according to claim 50 or 51, in which said base is an alkaline metal base.

- 53. (Currently amended) A process for the synthesis of citalogram, comprising the process the synthesis of 5 carboxyphthalide according to claim 52, in which said alkaline metal base is sodium hydroxide, carbonate or bicarbonate.
- 54. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 42, in which, at the end of the reaction, the 5-carboxyphthalide is isolated by the formation of a solution containing a salt thereof which is neutralized with an acid.
- 55. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 54, in which said salt is the sodium salt.
- 56. (Currently amended) A process for the synthesis of citalopram, comprising the process the synthesis of 5-carboxyphthalide according to claim 54, in which the salt is formed by adding the base to a pH of about 8.
- 57. (Currently amended) A process for the synthesis of citalopram, comprising the process the synthesis of 5 carboxyphthalide according to claim 54, in which said acid is hydrochloric acid.
- 58. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 42, in which 5-carboxyphthalide is isolated by treatment of the reaction mixture with water.
- 59. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 58, in which the addition of water is made at 0-5°C and the exothermia is controlled by keeping the temperature at about 20-25°C.
- 60. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 42, in which the mixture is heated at 130-135°C.
- 61. (Currently amended) A process for the synthesis of citalopram, comprising the process for the synthesis of 5 carboxyphthalide according to claim 42, in which formaldehyde is added to fuming sulfuric acid after the addition of terephthalic acid.

- 62. (New) A process according to claim 22 wherein the reaction mixture of 1,3,5-trioxane, terephthalic acid and furning sulfuric acid is heated to 120°C and then the temperature of the reaction mixture is allowed to increase by spontaneous exothermia up to 130 to 135°C.
- 63. (New) A process according to claim 22 wherein the reaction mixture of 1,3,5-trioxane, terepththalic acid and furning sulfuric acid is heated to 130 to 135°C if spontaneous exothermia does not occur after the reaction mixture is heated to 120°C.
- 64. (New) A process according to claim 42 wherein the mixture is heated at 120-135°C.
- 65. (New) A process according to claim 42 wherein the reaction mixture of 1,3,5-trioxane, terepththalic acid and furning sulfuric acid is heated to 120°C and then the temperature of the reaction mixture is allowed to increase by spontaneous exothermia up to 130 to 135°C.
- 66. (New) A process according to claim 42 wherein the reaction mixture of 1,3,5-trioxane, terepththalic acid and furning sulfuric acid is heated to 130 to 135°C if spontaneous exothermia does not occur after the reaction mixture is heated to 120°C.
- 67. (New) A process according to claim 31, in which said base is an alkaline metal base.
- 68. (New) A process according to claim 67, in which said alkaline metal base is sodium hydroxide, carbonate or bicarbonate.
- 69. (New) A process according to claim 51, in which said base is an alkaline metal base.
- 70. (New) A process according to claim 69, in which said alkaline metal base is sodium hydroxide, carbonate or bicarbonate.